



PTO/SB/08A (10-01)
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Substitute for form 1449A/PTO		Complete if Known			
		Application Number	10/669,824		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	September 23, 2003		
		First Named Inventor	JIANG, Cai-Zhong		
		Art Unit	Not Yet Assigned		
		Examiner Name	Not Yet Assigned		
Sheet	1	of	3	Attorney Docket Number	MBI-0034 CIP

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. 1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-			
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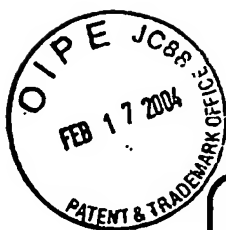
FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. 1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature	/David Kruse/ (06/24/2007)	Date Considered	06/24/2007
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/088 (10-01)
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known	
		Application Number	10/669,824
Sheet	2	Filing Date	September 23, 2003
of	3	First Named Inventor	JIANG, Cai-Zhong
		Group Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
		Attorney Docket Number	MBI-0034 CIP

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ²	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/DK/	1	Bevan, M. et al. (1999) NCBI Accession No. CAA18730	
	2	Bevan, M. et al. (2000) NCBI Accession No. CAB80256	
	3	Forzani, C. et al. (2001) J. Biol. Chem. 276: 16731-16738	
	4	Gupta, R. et al. (1997) NCBI Accession No. X99116	
	5	Gupta, R. et al. (1998) NCBI Accession No. X99491	
	6	Gupta, R. et al. (1998) NCBI Accession No. X99373	
	7	Lin, X. et al. (2002) NCBI Accession No. AAF04888	
	8	Meijer, A.H. et al. (1996) NCBI Accession No. CAA61276	
	9	Meijer, A.H. et al. (1996) NCBI Accession No. CAA61277	
	10	Meijer, A.H., and Hoge, J.H.C. (1997) NCBI Acc. No. S57459	
/DK/	11	Nieto-Sotelo, J. et al. (1994) NCBI Accession No. AAA33914	

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		Filing Date	September 23, 2003
		First Named Inventor	JIANG, Cai-Zhong
		Group Art Unit	Not Yet Assigned
		Examiner Name	Not Yet Assigned
Sheet	3	of	3
		Attorney Docket Number	MBI-0034 CIP

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
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/DK/	12	Nieto-Sotelo, J. et al. (1994) NCBI Acc. No. AAA32718	
/DK/	13	Reeves and Nissen (1990) J. Biol. Chem. 265: 8573-8582	
/DK/	14	Reeves & Beckerbauer (2001) Biochim.Biophys.Acta 1519:13-29	
/DK/	15	Weigel, D. et al. (2000) Plant Physiol. 122: 1003-1013	

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ALTERNATIVE TO PTO/SB/08a/b (07-05)

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/669,824		
		Filing Date	September 23, 2003		
		First Named Inventor	Cai-Zhong JIANG		
		Art Unit	1638		
		Examiner Name	D. Kruse		
Sheet	1	of	1	Attorney Docket Number	514442001620

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code* (if known)			
/DK/	1.	US-2003/0061637	03-27-2003	Jiang et al.	
/DK/	2.	US-2003/0121070	06-26-2003	Adam et al.	
/DK/	3.	US-2004/0128712	07-01-2004	Jiang et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code*-Number-Kind Code* (if known)				
/DK/	4.	WO-01/26459	04-19-2001	Mendel Biotechnology, Inc.		
/DK/	5.	WO-01/35698	05-25-2001	Mendel Biotechnology, Inc.		
/DK/	6.	WO-01/36444	05-25-2001	Mendel Biotechnology, Inc.		
/DK/	7.	WO-02/079403	10-10-2002	Mendel Biotechnology, Inc.		

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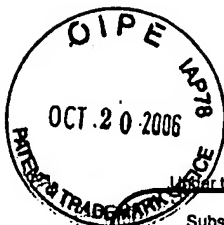
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/DK/	8.	Pilgrim, M. et al. (July 2, 2002) "Arabidopsis transcription factor #86" Geneseq Database EBI accession no. AAU93048	
/DK/	9.	Sasaki, T. et al. (March 1, 2003), DNA-binding protein-like from Oryza sativa, Uniprot Database EBI accession no. Q8GRR7	

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sf-2165626



PTO/SB/08a (09-06)

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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

9

Complete if Known

Application Number	10/669,824
Filing Date	23 September 2003
First Named Inventor	JIANG, Cai-Zhong
Art Unit	1638
Examiner Name	KRUSE, David
Attorney Docket Number	514442001620

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/DK/	1	US- 2004128712 A1	07-01-2004	JIANG C. et al.	Entire doc., Seqs 1-18
	2	US- 2003061637 A1	03-27-2003	JIANG C. et al.	Entire doc., Seqs 11-18
	3	US- 2004214272 A1	10-28-2004	LA ROSA et al.	Entire document
	4	US- 2004216190 A1	10-28-2004	KOVALIC et al.	Entire document
	5	US- 2004123343 A1	06-24-2004	LA ROSA et al.	Entire document
	6	US- 2004031072 A1	02-12-2004	LA ROSA et al.	Entire document
	7	US- 2004034888 A1	02-19-2004	LIU et al.	Entire document
	8	US- 6,057,492 B1	09-18-1997	DE HAAN et al.	Entire document
	9	US- 5,689,049 B1	06-07-1995	CIGAN et al.	Entire document
	10	US- 6,248,937 B1	06-19-2001	FINKELSTEIN et al.	Entire document
	11	US- 20060183137*	08-17-2006	HARPER et al.	Entire document
	12	US- 20040009476*	01-15-2004	HARPER et al.	Entire document
/DK/	13	US- 20020160378*	10-31-2002	HARPER et al.	Entire document
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
/DK/	14	WO2001035725 A2	05-25-2001	Mendel Biotech. Inc.	Entire document	
	15	EP1033405	09-06-2000	Ceres Inc	SEQ 56797, 34900	
	16	WO2003018627 A2	03-06-2003	Genomine Inc.	Entire document	
	17	WO2003008540 A2	01-30-2003	Syngenta	SEQ ID 5523	
/DK/	18	WO2003006622 A2	01-23-2003	McGill University	Entire document	

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/David Kruse/ (06/24/2007)

Date
Considered

06/24/2007

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/669,824		
		Filing Date	23 September 2003		
		First Named Inventor	JIANG, Cai-Zhong		
		Art Unit	1638		
		Examiner Name	KRUSE, David		
Sheet	3	of	9	Attorney Docket Number	514442001620

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/DK/	23	NCBI acc. no. AAAA01000486 (gi: 19924795) (Apr 4 2002); Yu,J., et al. Oryza sativa (indica cultivar-group) scaffold000486, whole genome shotgun sequence""; source: Oryza sativa (indica cultivar-group); Title: ""The Genomes of Oryza sativa: A History of Duplications"" (PLoS Biol. 3 (2), E38 (2005))""	
	24	AAAA01000935 "NCBI acc. no. AAAA01000935 (gi: 19925244) (Apr 4 2002); Yu,J., et al. Oryza sativa (indica cultivar-group) scaffold000935, whole genome shotgun sequence""; source: Oryza sativa (indica cultivar-group); Title: ""The Genomes of Oryza sativa: A History of Duplications"" (PLoS Biol. 3 (2), E38 (2005))""	
	25	AAAA01003524 "NCBI acc. no. AAAA01003524 (gi: 19927833) (Apr 4 2002); Yu,J., et al. Oryza sativa (indica cultivar-group) scaffold003524, whole genome shotgun sequence""; source: Oryza sativa (indica cultivar-group); Title: ""The Genomes of Oryza sativa: A History of Duplications"" (PLoS Biol. 3 (2), E38 (2005))""	
	26	EP 1033405 A2 Seq ID No.: 56797, Gene sequence, 18 Oct. 2000 (AAC48248 Database Geneseq, Acc. No. AAC48248)	
	27	EP 1033405 A2 Seq ID No.: 34900, Gene sequence, 17 Oct. 2000 (AAG29345 Database Geneseq, Acc. No. AAG29345)	
	28	AAG51949 NCBI acc. no. AAG51949 (gi: 12323978) (Jan 19 2001); Lin,X., et al. "unknown protein; 41834-42742 [Arabidopsis thaliana]"; source: Arabidopsis thaliana (thale cress); Title: "Arabidopsis thaliana chromosome 1 BAC F14G6 genomic sequence" (Unpublished)	
	29	AAM62794 NCBI acc. no. AAM62794 (gi: 21553701) (Jun 25 2002); Haas,B.J., et al. "putative DNA-binding protein [Arabidopsis thaliana]"; source: Arabidopsis thaliana (thale cress); Title: "Full-length messenger RNA sequences greatly improve genome annotation" (Genome Biol. (2002) In press)	
	30	AAM65129 NCBI acc. no. AAM65129 (gi: 21593180) (Jun 26 2002); Haas,B.J., et al. "putative DNA-binding protein [Arabidopsis thaliana]"; source: Arabidopsis thaliana (thale cress); Title: "Full-length messenger RNA sequences greatly improve genome annotation" (Genome Biol. (2002) In press)	
	31	AC135209 "NCBI acc. no. AC135209 (gi: 23621897) (Oct 9 2002); Wing,R.A., et al. Oryza sativa (japonica cultivar-group) chromosome 3 clone OSJNBa0071M09, "" SEQUENCING IN PROGRESS ""; 4 ordered pieces""; source: Oryza sativa (japonica cultivar-group); Title: ""Rice Genomic Sequence"" (Unpublished)""	
/DK/	32	AL366947 "NCBI acc. no. AL366947 (gi: 8666700) (Aug 3 2000); Jourmet,E.P., et al. MtBA11B10F1 MtBA Medicago truncatula cDNA clone MtBA11B10 T3, mRNA sequence""; source: Medicago truncatula (barrel medic); Title: ""Medicago truncatula ESTs from nitrogen-starved roots"" (Unpublished (2000))""	

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		Examiner Name	KRUSE, David
Sheet 4 of 9	Attorney Docket Number	514442001620	

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/DK/	33	AL662981 NCBI acc. no. AL662981 (gi: 17998493) (Dec 28 2001); Han, B., et al. "Oryza sativa chromosome 4 clone OSJNBa0086006, *** SEQUENCING IN PROGRESS ***"; source: Oryza sativa; Title: "Direct Submission" (Submitted (27-DEC-2001) Han Bin, National Center for Gene Research, Chinese Acad. Sciences,	
	34	AP003526 NCBI acc. no. AP003526 (gi: 13676546) (Apr 18 2001); Sasaki, T., et al. Oryza sativa chromosome 6 clone P0548D03, *** SEQUENCING IN PROGRESS ***; source: Oryza sativa; Title: "Oryza sativa nipponbare(GA3) genomic DNA, chromosome 6, PAC clone:P0548D03" (Published Only in DataBase (2001) In	
	35	AP003891 NCBI acc. no. AP003891 (gi: 14646849) (Jul 9 2001); Sasaki, T., et al. Oryza sativa chromosome 8 clone OJ1314_F06, *** SEQUENCING IN PROGRESS ***; source: Oryza sativa; Title: "Oryza sativa nipponbare(GA3) genomic DNA, chromosome 8, BAC clone:OJ1314_F06" (Published Only in Database (2001) In	
	36	AP004020 NCBI acc. no. AP004020 (gi: 15130682) (Aug 9 2001); Sasaki, T., et al. Oryza sativa chromosome 2 clone OJ1119_A01, *** SEQUENCING IN PROGRESS ***; source: Oryza sativa; Title: "Oryza sativa nipponbare(GA3) genomic DNA, chromosome 2, BAC clone:OJ1119_A01" (Published Only in Database (2001) In	
	37	AP004165 NCBI acc. no. AP004165 (gi: 15594177) (Sep 13 2001); Sasaki, T., et al. Oryza sativa chromosome 2 clone OJ1479_B12, *** SEQUENCING IN PROGRESS ***; source: Oryza sativa; Title: "Oryza sativa nipponbare(GA3) genomic DNA, chromosome 2, BAC clone:OJ1479_B12" (Published Only in Database (2001) In	
	38	AP004587 NCBI acc. no. AP004587 (gi: 18146734) (Jan 14 2002); Sasaki, T., et al. Oryza sativa chromosome 8 clone P0543D10, *** SEQUENCING IN PROGRESS ***; source: Oryza sativa; Title: "Oryza sativa nipponbare(GA3) genomic DNA, chromosome 8, PAC clone:P0543D10" (Published Only in Database (2001))"	
	39	AP004635 NCBI acc. no. AP004635 (gi: 18182015) (Jan 16 2002); Sasaki, T., et al. Oryza sativa chromosome 8 clone P0672D01, *** SEQUENCING IN PROGRESS ***; source: Oryza sativa; Title: "Oryza sativa nipponbare(GA3) genomic DNA, chromosome 8, PAC clone:P0672D01" (Published Only in Database (2002))"	
	40	AP005477 NCBI acc. no. AP005477 (gi: 21624397) (Jun 28 2002); Sasaki, T., et al. Oryza sativa (japonica cultivar-group) chromosome 6 clone OSJNBb0039F24, *** SEQUENCING IN PROGRESS ***; source: Oryza sativa (japonica cultivar-group); Title: "Oryza sativa nipponbare(GA3) genomic DNA, chromosome 6, BAC	
	41	AP005653 NCBI acc. no. AP005653 (gi: 22415838) (Aug 21 2002); Sasaki, T., et al. Oryza sativa (japonica cultivar-group) chromosome 2 clone OSJNBb0075E08, *** SEQUENCING IN PROGRESS ***; source: Oryza sativa (japonica cultivar-group); Title: "Oryza sativa nipponbare(GA3) genomic DNA, chromosome 2, BAC	
/DK/	42	AP005755 NCBI acc. no. AP005755 (gi: 23200614) (Sep 19 2002); Sasaki, T., et al. Oryza sativa (japonica cultivar-group) chromosome 9 clone OSJNBb0019B14, *** SEQUENCING IN PROGRESS ***; source: Oryza sativa (japonica cultivar-group); Title: "Oryza sativa nipponbare(GA3) genomic DNA, chromosome 9, BAC	

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Substitute for form 1449B/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/669,824
				Filing Date	23 September 2003
				First Named Inventor	JIANG, Cai-Zhong
				Art Unit	1638
				Examiner Name	KRUSE, David
(Use as many sheets as necessary)				Attorney Docket Number	514442001620
Sheet	5	of	9		

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (In CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
/DK/	43	AW560824 NCBI acc. no. AW560824 (gi: 7206250) (Mar 7 2000); Fedorova,M., et al. EST315872 DSIR Medicago truncatula cDNA clone pDSIR-30G7, mRNA sequence"; source: Medicago truncatula (barrel medic); Title: "ESTs from roots of Medicago truncatula after inoculation with Phytophthora medicaginis" (Unpublished)		
	44	AW720668 NCBI acc. no. AW720668 (gi: 7615218) (Apr 19 2000); Colebatch,G., et al. LjNEST14h9rc Lotus japonicus nodule library 5 and 7 week-old Lotus japonicus cDNA 5'; mRNA sequence"; source: Lotus japonicus; Title: "Lotus japonicus root nodule ESTs: tools for functional genomics" (Unpublished (2000))"		
	45	AW774484 NCBI acc. no. AW774484 (gi: 7718401) (May 8 2000); VandenBosch,K., et al. EST333635 KV3 Medicago truncatula cDNA clone pKV3-22P11, mRNA sequence"; source: Medicago truncatula (barrel medic); Title: "ESTs from roots of Medicago truncatula after Rhizobium inoculation" (Unpublished (1999))"		
	46	BG134451 NCBI acc. no. BG134451 (gi: 12634639) (Jan 31 2001); van der Hoeven,R., et al. "EST467343 tomato crown gall Lycopersicon esculentum cDNA clone cTOE16116 5'; sequence, mRNA sequence"; source: Lycopersicon esculentum (Solanum lycopersicum); Title: "Generation of ESTs from tomato crown gall		
	47	BG581882 NCBI acc. no. BG581882 (gi: 13596946) (Apr 11 2001); Fedorova,M., et al. "EST483618 GVN Medicago truncatula cDNA clone pGVN-66K1 5'; end, mRNA sequence"; source: Medicago truncatula (barrel medic); Title: "ESTs from one month old nitrogen-fixing root nodules of Medicago truncatula,		
	48	BG646893 NCBI acc. no. BG646893 (gi: 13782005) (Apr 24 2001); Hahn,M.G., et al. "EST508512 HOGA Medicago truncatula cDNA clone pHOGA-15111 5'; end, mRNA sequence"; source: Medicago truncatula (barrel medic); Title: "ESTs from roots of Medicago truncatula treated with oligogalacturonides of DP		
	49	BG647027 NCBI acc. no. BG647027 (gi: 13782139) (Apr 24 2001); Hahn,M.G., et al. "EST508646 HOGA Medicago truncatula cDNA clone pHOGA-15024 5'; end, mRNA sequence"; source: Medicago truncatula (barrel medic); Title: "ESTs from roots of Medicago truncatula treated with oligogalacturonides of DP		
	50	BG647144 NCBI acc. no. BG647144 (gi: 13782256) (Apr 24 2001); Hahn,M.G., et al. "EST508763 HOGA Medicago truncatula cDNA clone pHOGA-15F24 5'; end, mRNA sequence"; source: Medicago truncatula (barrel medic); Title: "ESTs from roots of Medicago truncatula treated with oligogalacturonides of DP		
	51	BI426899 NCBI acc. no. BI426899 (gi: 15204131) (Aug 16 2001); Shoemaker,R., et al. "sag08g12.y1 Gm-c1080 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-c1080-696 5'; similar to TR:O22130 O22130 PUTATIVE PD1-LIKE DNA-BINDING PROTEIN. ; mRNA sequence"; source: Glycine max (soybean);		
/DK/	52	BI701170 NCBI acc. no. BI701170 (gi: 15663799) (Sep 18 2001); Shoemaker,R., et al. "sag55e11.y1 Gm-c1082 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-c1082-597 5'; similar to TR:O23620 O23620 HYPOTHETICAL 29.7 KD PROTEIN. ; mRNA sequence"; source: Glycine max (soybean); Title: "Public		

Examiner Signature	/David Kruse/ (06/24/2007)	Date Considered	06/24/2007
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		Examiner Name	KRUSE, David
Sheet 6 of 9	Attorney Docket Number	514442001620	

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/DK/	53	BQ785950 NCBI acc. no. BQ785950 (gi: 21994422) (Jul 26 2002); Shoemaker, R., et al. "saq61f09.y1 Gm-c1076 Glycine max cDNA clone SOYBEAN CLONE ID: Gm-c1076-4481 5' similar to TR:Q9SR17 Q9SR17 F7O18.4 PROTEIN. ; mRNA sequence"; source: Glycine max (soybean); Title: "Public Soybean EST	
	54	AAF07197 NCBI acc. no. AAF07197 (gi: 6319180) (Nov 10 1999); Weigel, D., et al. "ESCAROLA (Arabidopsis thaliana)"; source: Arabidopsis thaliana (thale cress); Title: "Activation Tagging in Arabidopsis" (Unpublished)	
	55	AC015450 NCBI acc. no. AC015450 (gi: 6437539) (Nov 18 1999); Lin, X., et al. "Arabidopsis thaliana chromosome I clone IGF-F14G6, *** SEQUENCING IN PROGRESS ***; 4 unordered pieces"; source: Arabidopsis thaliana (thale cress); Title: "Arabidopsis thaliana 'IGF' BAC 'F14G6'";	
	56	AC011437 NCBI acc. no. AC011437 (gi: 6013612) (Oct 6 1999); Lin, X., et al. "Arabidopsis thaliana chromosome III clone IGF-F7O18, *** SEQUENCING IN PROGRESS ***; 5 unordered pieces"; source: Arabidopsis thaliana (thale cress); Title: "Arabidopsis thaliana 'IGF' BAC 'F7O18' genomic sequence near	
	57	AC007369 NCBI acc. no. AC007369 (gi: 4678189) (Apr 24 1999); Federspiel, N.A., et al. "Arabidopsis thaliana chromosome I clone F9H16, *** SEQUENCING IN PROGRESS ***; 3 unordered pieces"; source: Arabidopsis thaliana; Title: "Direct Submission" (Unpublished)	
	58	AC006931 NCBI acc. no. AC006931 (gi: 4309684) (Mar 1 1999); Lin, X., et al. "Arabidopsis thaliana clone F7D19, *** SEQUENCING IN PROGRESS ***; 6 unordered pieces"; source: Arabidopsis thaliana (thale cress); Title: "Arabidopsis thaliana 'IGF' BAC 'F7D19' genomic sequence near marker	
	59	AC006580 NCBI acc. no. AC006580 (gi: 4263589) (Feb 24 1999); Lin, X., et al. "Arabidopsis thaliana clone F23E6, *** SEQUENCING IN PROGRESS ***; 6 unordered pieces"; source: Arabidopsis thaliana (thale cress); Title: "Arabidopsis thaliana 'IGF' BAC 'F23E6' genomic sequence near marker	
	60	AC004667 NCBI acc. no. AC004667 (gi: 3115341) (May 6 1998); Rounsley, S.D., et al. "Arabidopsis thaliana clone T4C15, *** SEQUENCING IN PROGRESS ***; 9 unordered pieces"; source: Arabidopsis thaliana (thale cress); Title: "Arabidopsis thaliana 'TAMU' BAC 'T4C15' genomic sequence near	
	61	AC002387 NCBI acc. no. AC002387 (gi: 2281079) (Jul 25 1997); Rounsley, S.D., et al. "Arabidopsis thaliana clone F04L23, *** SEQUENCING IN PROGRESS ***; 5 unordered pieces"; source: Arabidopsis thaliana (thale cress); Title: "Arabidopsis thaliana 'IGF' BAC 'F04L23' genomic sequence near marker	
/DK/	62	A1736668 NCBI acc. no. A1736668 (gi: 5058192) (Jun 14 1999); Shoemaker, R., et al. sb32a03.y1 Gm-c1012 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-c1012-101 5' similar to TR:O23620 O23620 HYPOTHETICAL 29.7 KD PROTEIN. ; mRNA sequence"; source: Glycine max (soybean); Title:	

Examiner Signature	/David Kruse/ (06/24/2007)	Date Considered	06/24/2007
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/669,824
				Filing Date	23 September 2003
				First Named Inventor	JIANG, Cai-Zhong
				Art Unit	1638
				Examiner Name	KRUSE, David
Sheet	7	of	9	Attorney Docket Number	514442001620

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
/DK/	63	AL022604 Database EMBL, acc no. AL022604, April 22, 1998, "Arabidopsis thaliana DNA chromosome 4, BAC clone F23E12; NCBI acc. no. AL022604 (gi: 3080406) (Apr 24 1998); Bevan, M., et al. "Arabidopsis thaliana DNA chromosome 4, BAC clone F23E12 (ESSAll project)"; source: Arabidopsis thaliana (thale cress); Title: "Direct Submission" (Unpublished)		
	64	AL162295 NCBI acc. no. AL162295 (gi: 7329669) (Mar 26 2000); Cholsne, N., et al. "Arabidopsis thaliana DNA chromosome 3, BAC clone T4C21"; source: Arabidopsis thaliana (thale cress); Title: "Direct Submission" (Unpublished)		
	65	AL161533 NCBI acc. no. AL161533 (gi: 7267889) (Mar 20 2000); Hilbert, H., et al. "Arabidopsis thaliana DNA chromosome 4, contig fragment No. 33"; source: Arabidopsis thaliana (thale cress); Title: "Direct Submission" (Unpublished)		
	66	AL132975 NCBI acc. no. AL132975 (gi: 6434228) (Nov 15 1999); Benes, V., et al. "Arabidopsis thaliana DNA chromosome 3, BAC clone T22E16"; source: Arabidopsis thaliana (thale cress); Title: "Direct Submission" (Unpublished)		
	67	AL021635 NCBI acc. no. AL021635 (gi: 2827538) (Feb 1 1998); Bevan, M., et al. "Arabidopsis thaliana DNA chromosome 4, BAC clone T12H17 (ESSAll project)"; source: Arabidopsis thaliana (thale cress); Title: "Direct Submission" (Unpublished)		
	68	AW574000 NCBI acc. no. AW574000 (gi: 7238733) (Mar 13 2000); Fedorova, M., et al. EST316591 GVN Medicago truncatula cDNA clone pGVN-50F8, mRNA sequence"; source: Medicago truncatula (barrel medic); Title: "ESTs from one month old nitrogen-fixing root nodules of Medicago truncatula" (Unpublished (2000))"		
	69	AW349284 NCBI acc. no. AW349284 (gi: 6846994) (Feb 1 2000); Vodkin, L., et al. GM210004B21H7 Gm-r1021 Glycine max cDNA clone Gm-r1021-1526 3'³⁸"; source: Glycine max (soybean); Title: "A Functional Genomics Program for Soybean (NSF 9872565)" (Unpublished (1999))"		
	70	CAB82691 NCBI acc. no. CAB82691 (gi: 7329697) (Mar 26 2000); Cholsne, N., et al. "putative protein [Arabidopsis thaliana]"; source: Arabidopsis thaliana (thale cress); Title: "Direct Submission" (Unpublished)		
	71	CAB78783 NCBI acc. no. CAB78783 (gi: 7268533) (Mar 20 2000); EU Arabidopsis sequencing project., et al. "hypothetical protein [Arabidopsis thaliana]"; source: Arabidopsis thaliana (thale cress); Title: "Direct Submission" (Submitted (10-MAR-2000) MIPS, at the Max-Planck-Institut fuer Biochemie, Am Klopferspitz 18a,		
/DK/	72	T43108 NCBI acc. no. T43108 (gi: 635696) (Jan 25 1995); Newman, T., et al. "6371 Lambda-PRL2 Arabidopsis thaliana cDNA clone 1151577, mRNA sequence"; source: Arabidopsis thaliana (thale cress); Title: "Genes galore: a summary of methods for accessing results from large-scale partial sequencing of anonymous Arabidopsis		

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				Examiner Name	KRUSE, David
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/DK/	73	Z97344 NCBI acc. no. Z97344 (gi: 2245126) (Jul 6 1997); Bevan, M., et al. "Arabidopsis thaliana DNA chromosome 4, ESSA I contig fragment No. 9"; source: Arabidopsis thaliana (thale cress); Title: "Direct Submission" (Unpublished)		
	74	065489 Database EMBL, EBI acc no. 065489, Aug. 1, 1998, "Hypothetical protein F23E12.50 (AT4g35390)		
	75	Q8GRR7 Database UniProt Online, Database acc no. Q8GRR7, March 1, 2003		
	76	T06118 Database PIR, Accession No. T06118, Bevan et al., Gene Sequence, April 1990		
	77	Aravind and Landsman. (Oct. 1, 1998) "AT-hook motifs identified in a wide variety of DNA-binding proteins" Nucl. Acids Res. (Oct. 1998) Vol. 26, no. 19 pp 4413-4421		
	78	Lin, et al. (Dec. 16, 1999) "Sequence and analysis of chromosome 2 of the plant Arabidopsis thaliana" Nature (1999), 402(6763), 761-768		
	79	Bevan, et al. (Jan. 29, 1998) "Sequence of 1.9 Mb contiguous region from chromosome 4 of Arabidopsis thaliana" Nature (1998), 391(6666), 485-488		
	80	Mayer, et al. (Dec. 16, 1999) "Sequence and analysis of chromosome 4 of the plant Arabidopsis thaliana" Nature (1999), 402(6763), 769-777		
	81	Hofmann, et al. (2000). Isolation of Two cDNAs Encoding AT-Hook DNA-Binding Proteins, SAP1 and HMR1, from an Antirrhinum majus L. Inflorescence Expression Library. Plant Physiol. 122, 292-292		
/DK/	82	Martínez-García, J.F., and Quail, P.H. (Apr. 1999). The HMG-I/Y protein PF1 stimulates binding of the transcriptional activator GT-2 to the PHYA gene promoter. Plant J 18, 173-183.		

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/DK/	83	Meijer, Annemarie, (Jun. 1996) "Novel members of a family of AT hook-containing DNA-binding proteins from rice are identified through their in vitro interaction with consensus target sites of plant and animal homeodomain proteins" Plant Molecular Biology, Vol. 31, no. 3, 1996, pp 607-618	
/DK/	84	Nieto-Sotelo, et al. (Feb. 1994). PF1: an A-T hook-containing DNA binding protein from rice that interacts with a functionally defined d(AT)-rich element in the oat phytochrome A3 gene promoter. Plant Cell 6 (2), 287-301	
/DK/	85	Nieto-Sotelo, et al. (Mar. 25, 1994). Positive Factor 1 (PF1) from oat is an HMGY- and H1 histone-like protein that binds a functionally defined AT-rich DNA element in the oat phytochrome A gene (PHYA3) promoter. Nucleic Acids Res. 22 (6), 1115-1116	

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Sheet 1 of 16

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First Named Inventor	JIANG, Cai-zhong
Art Unit	1638
Examiner Name	KRUSE, DAVID H
Attorney Docket Number	514442001620

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/DK/	1	US- 20050097631	05-05-2005	SUN	whole document
	2	US- 10/155,881	not published	unknown	whole document
	3	US- 10/679,063	not published	unknown	whole document
	4	US- 20040216190	10-28-2004	KOVALIC	whole document, SEQ No 8201
	5	US- 20040123340	06-24-2004	DEJONGH	whole document
	6	US- 20040214272	10-28-2004	LA ROSA	whole document
	7	US- 20040172684	09-02-2004	KOVALIC	whole document
	8	US- 20040123343	06-24-2004	LA ROSA	whole document
	9	US- 20040031072	02-12-2004	LA ROSA	whole document
	10	US- 20040034888	02-19-2004	LIU	whole document
	11	US- 20050097638	05/05/2005	JIANG	whole document, SEQ No 41-42
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/DK/	13	WO2000301439 (EP1033405)	09-06-2000	ALEXANDROV	Seq. 34900, 56797, 56798, pg. 341-	
					343, claims 1-34	
/DK/	14	PCT/GB99/00905 (WO99/49045)	09-30-1999	RYATT	Figs 1,2,4, Exam- ples 1-6	

Examiner Signature	/David Kruse/ (06/24/2007)	Date Considered	06/24/2007
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet	2	of	16
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Complete if Known

Application Number	10/669,824
Filing Date	23 September 2003
First Named Inventor	JIANG, Cai-Zhong
Art Unit	1638
Examiner Name	KRUSE, DAVID H
Attorney Docket Number	814442001620

U. S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†
		Country Code ² Number ³ Kind Code ⁴ (if known)				
/DK/	15	PCT/JP97/03290 (CA2271716)	03-25-1999	SUGIYAMA	whole document	
/DK/	16	JP19990077502 (JP2000041688)	09-26-1996	SHIBATA DAISUKE	whole document	Ab 8
/DK/	17	PCT/US99/03429 (WO99/41974)	08-26-1999	JOFUKU	whole document	

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Substitute for form 1448B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/669,824
				Filing Date	September 23, 2003
				First Named Inventor	JIANG, Cai-Zhong
				Art Unit	1638
				Examiner Name	KRUSE, David H.
Sheet	3	of	16	Attorney Docket Number	514442001620

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²		
/DK/	18	065489 Database EMBL, EBI acc no. 065489, Aug. 1, 1998, "Hypothetical protein F23E12.50 (AT4g35390)"			
	19	AAD21715 NCBI acc. no. AAD21715 (gi: 4512661) (Mar 25 1999); Lin, X., et al. "hypothetical protein"; source: Arabidopsis thaliana (thale cress); Title: "Arabidopsis thaliana chromosome II BAC F7D19 genomic"			
	20	AAF07197 NCBI acc. no. AAF07197 (gi: 5319180) (Nov 10 1999); Weigel, D., et al. "ESCAROLA [Arabidopsis thaliana]"; source: Arabidopsis thaliana (thale cress); Title: "Activation Tagging in Arabidopsis"			
	21	AAA32718 NCBI acc. no. AAA32718 (gi: 454279) (Feb 12 1994); Nieto-Sotelo, J., et al. "DNA-binding protein"; source: Unknown.; Title: "Positive Factor 1 (PF-1) from oat is an HMGY- and H1 histone-like protein"			
	22	AAA33914 NCBI acc. no. AAA33914 (gi: 453692) (Feb 10 1994); Nieto-Sotelo, J., et al. "AT hook 1 from AA 98-106, AT hook 2 from AA 129-137, AT hook 3 from AA 154-162, AT hook 4 from AA 192-200";			
	23	AAF04888 NCBI acc. no. AAF04888 (gi: 6175162) (Nov 2 1999); Lin, X., et al. "hypothetical protein [Arabidopsis thaliana]"; source: Arabidopsis thaliana; Title: "Arabidopsis thaliana chromosome III BAC F7O18"			
	24	AB016472 Database EMBL, acc no. AB016472, June 8, 1999, "Arabidopsis thaliana gene for ARR2 protein, complete cds"			
	25	AB025613 NCBI acc. no. AB025613 (gi: 4589419) (Apr 20 1999); Nakamura, Y., et al. "Arabidopsis thaliana genomic DNA, chromosome 5, TAC clone: K215, complete sequence"; source: Arabidopsis thaliana (thale cress);			
	26	AC002387 NCBI acc. no. AC002387 (gi: 2281079) (Jul 25 1997); Rounsley, S.D., et al. "Arabidopsis thaliana clone F04L23, *** SEQUENCING IN PROGRESS ***; 5 unordered pieces"; source: Arabidopsis thaliana (thale cress);			
/DK/	27	AC004667 NCBI acc. no. AC004667 (gi: 3115341) (May 6 1998); Rounsley, S.D., et al. "Arabidopsis thaliana clone T4C15, *** SEQUENCING IN PROGRESS ***; 9 unordered pieces"; source: Arabidopsis thaliana (thale cress);			
Examiner Signature	/David Kruse/ (06/24/2007)			Date Considered	06/24/2007

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Substitute for form 1449B/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/669,824
		Filing Date	September 23, 2003
		First Named Inventor	JIANG, Cai-Zhong
		Art Unit	1638
		Examiner Name	KRUSE, David H.
Sheet 4 of 16	Attorney Docket Number	514442001620	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issuue number(s), publisher, city and/or country where published.	T*
/DK/	29	AC006580 NCBI acc. no. AC006580 (gi: 4263589) (Feb 24 1999); Lin, X., et al. "Arabidopsis thaliana clone P23B6, *** SEQUENCING IN PROGRESS ***", 6 unordered pieces"; source: Arabidopsis thaliana (thale cress);	
	29	AC006931 NCBI acc. no. AC006931 (gi: 4309684) (Mar 1 1999); Lin, X., et al. "Arabidopsis thaliana clone P7D19, *** SEQUENCING IN PROGRESS ***", 6 unordered pieces"; source: Arabidopsis thaliana (thale cress);	
	30	AC007369 NCBI acc. no. AC007369 (gi: 4678189) (Apr 24 1999); Federspiel, N.A., et al. "Arabidopsis thaliana chromosome I clone P9H16, *** SEQUENCING IN PROGRESS ***", 3 unordered pieces";	
	31	AC007789 NCBI acc. no. AC007789 (gi: 5042437) (Jun 11 1999); Buell, R.C.R., et al. Oryza sativa chromosome 10 BAC T49B20 genomic sequence, complete sequence"; source: Oryza sativa;	
	32	AC011437 NCBI acc. no. AC011437 (gi: 6013612) (Oct 6 1999); Lin, X., et al. "Arabidopsis thaliana chromosome III clone IGF-P7018, *** SEQUENCING IN PROGRESS ***", 5 unordered pieces";	
	33	AC012188 NCBI acc. no. AC012188 (gi: 6091699) (Oct 21 1999); Liu, S.X., et al. "Arabidopsis thaliana chromosome 1 clone P14L17, *** SEQUENCING IN PROGRESS ***", 4 unordered pieces"; source: Arabidopsis thaliana	
	34	AC015450 NCBI acc. no. AC015450 (gi: 6437539) (Nov 16 1999); Lin, X., et al. "Arabidopsis thaliana chromosome I clone IGF-F14G6, *** SEQUENCING IN PROGRESS ***", 6 unordered pieces"; source: Arabidopsis thaliana	
	35	AF003101 Database EMBL, EBI acc no. AF003101, July 28, 1997. "Arabidopsis thaliana AP2 domain containing protein RAP2.8 mRNA, partial cds"	
	36	AI443215 NCBI acc. no. AI443215 (gi: 4301610) (Feb 19 1999); Shoemaker, R., et al. sa45h07.y1 Gm-cl004 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-cl004-2294 5'apoc; similar to TR:O23620 O23620 HYPOTHETICAL 29.7	
/DK/	37	AI494847 NCBI acc. no. AI494847 (gi: 4398850) (Mar 11 1999); Shoemaker, R., et al. sb06b09.y1 Gm-cl004 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-cl004-7986 5'apoc; similar to TR:O04695 O04695 DNA-BINDING PD1-LIKE	

Examiner Signature	/David Kruse/ (06/24/2007)	Date Considered	06/24/2007
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Substitute for form 1449B/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/669,824		
		Filing Date	September 23, 2003		
		First Named Inventor	JIANG, Cai-Zhong		
		Art Unit	1638		
		Examiner Name	KRUSE, David H.		
Sheet	5	of	16	Attorney Docket Number	514442001620

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ^a	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/DK/	38	AI522913 *NCBI acc. no. AI522913 (gi: 4437048) (Mar 18 1999); Shoemaker, R., et al. sa91h08.y1 Gm-cl004 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-cl004-6712 56apos; similar to TR:022812 022812 PUTATIVE DNA-BINDING	
	39	AI522924 *NCBI acc. no. AI522924 (gi: 4437059) (Mar 18 1999); Shoemaker, R., et al. sa92b03.y1 Gm-cl004 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-cl004-6726 56apos; similar to TR:022130 022130 PUTATIVE PDI-LIKE	
	40	AI736668 *NCBI acc. no. AI736668 (gi: 5058192) (Jun 14 1999); Shoemaker, R., et al. sb32a03.y1 Gm-cl012 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-cl012-101 56apos; similar to TR:023620 023620 HYPOTHETICAL 29.7 KD	
	41	AI960613 *NCBI acc. no. AI960613 (gi: 5753326) (Aug 20 1999); Shoemaker, R., et al. sc86h10.y1 Gm-cl018 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-cl018-1820 56apos; similar to TR:022130 022130 PUTATIVE PDI-LIKE	
	42	AI965992 *NCBI acc. no. AI965992 (gi: 5760629) (Aug 23 1999); Shoemaker, R., et al. sc25a12.y1 Gm-cl013 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-cl013-1655 56apos; similar to TR:022130 022130 PUTATIVE PDI-LIKE	
	43	AJ005196 NCBI acc. no. AJ005196 (gi: 3549642) (Sep 7 1998); Buchholz, G., et al. "Arabidopsis thaliana mRNA for receiver-like protein 5"; source: Arabidopsis thaliana (thale cress)	
	44	AL021635 NCBI acc. no. AL021635 (gi: 2827538) (Feb 1 1998); Bevan, M., et al. "Arabidopsis thaliana DNA chromosome 4, BAC clone T12H17 (89SAII project)"; source: Arabidopsis thaliana (thale cress)	
	45	AL022604 Database EMBL, acc no. AL022604, April 22, 1998, "Arabidopsis thaliana DNA chromosome 4, BAC clone F23E12; NCBI acc. no. AL022604 (gi: 3080406) (Apr 24 1998); Bevan, M., et al.	
	46	AL132975 NCBI acc. no. AL132975 (gi: 6434228) (Nov 15 1999); Benes, V., et al. "Arabidopsis thaliana DNA chromosome 3, BAC clone T22E16"; source: Arabidopsis thaliana (thale cress);	
/DK/	47	AL161533 NCBI acc. no. AL161533 (gi: 7267889) (Mar 20 2000); Hilbert, H., et al. "Arabidopsis thaliana DNA chromosome 4, contig fragment No. 33"; source: Arabidopsis thaliana (thale cress);	

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Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/669,824
				Filing Date	September 23, 2003
				First Named Inventor	JIANG, Cai-Zhong
				Art Unit	1638
				Examiner Name	KRUSE, David H.
Sheet	6	of	16	Attorney Docket Number	514442001620

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
/DK/	48	AL162295 NCBI acc. no. AL162295 (gi: 7329669) (Mar 26 2000); Choisme, N., et al. "Arabidopsis thaliana DNA chromosome 3, BAC clone T4C21"		
	49	AMA132349 NCBI acc. no. AJ132349 (gi: 4165182) (Jan 21 1999); Hofmann, W.A., et al. Antirrhinum majus mRNA for SAP1 protein"; source: Antirrhinum majus (snapdragon); Title:		
	50	AW066510 NCBI acc. no. AW066510 (gi: 6021582) (Oct 12 1999); Walbot, V., et al. 660015703.y1 660 - Mixed stages of anther and pollen Zea mays cDNA, mRNA sequence"; source: Zea mays;		
	51	AW099294 NCBI acc. no. AW099294 (gi: 6069638) (Oct 19 1999); Shoemaker, R., et al. sd37h01.y1 Gm-c1016 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-c1016-1994 5' similar to TR:022130 022130 PUTATIVE PDI-LIKE DNA-		
	52	AW132605 NCBI acc. no. AW132605 (gi: 6134212) (Oct 27 1999); Shoemaker, R., et al. se06d10.y1 Gm-c1013 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-c1013-2732 5' similar to TR:022130 022130 PUTATIVE PDI-LIKE DNA		
	53	AW278127 NCBI acc. no. AW278127 (gi: 6666668) (Jan 4 2000); Shoemaker, R., et al. sf40a09.y1 Gm-c1009 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-c1009-2417 5' similar to TR:049662 049662 PUTATIVE DNA BINDING		
	54	AW309814 NCBI acc. no. AW309814 (gi: 6725415) (Jan 21 2000); Shoemaker, R., et al. sf25b03.x1 Gm-c1028 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-c1028-966 3' similar to TR:023620 023620 HYPOTHETICAL 29.7 KD		
	55	AW310124 NCBI acc. no. AW310124 (gi: 6725725) (Jan 21 2000); Shoemaker, R., et al. sf31d10.x1 Gm-c1028 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-c1028-1580 3' similar to TR:022130 022130 PUTATIVE PDI-LIKE		
	56	AW348874 NCBI acc. no. AW348874 (gi: 6846584) (Feb 1 2000); Vodkin, L., et al. GM210010A10G1 Gm-r1021 Glycine max cDNA clone Gm-r1021-3745 3' mRNA sequence"; source: Glycine max (soybean)		
/DK/	57	AW349284 NCBI acc. no. AW349284 (gi: 6846994) (Feb 1 2000); Vodkin, L., et al. GM210004B21B7 Gm-r1021 Glycine max cDNA clone Gm-r1021-1926 3' mRNA sequence"; source: Glycine max (soybean)		
Examiner Signature	/David Kruse/ (06/24/2007)		Date Considered	06/24/2007

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/669,824
		Filing Date	September 23, 2003
		First Named Inventor	JIANG, Cai-Zhong
		Art Unit	1638
		Examiner Name	KRUSE, David H.
Sheet 7 of 16	Attorney Docket Number	514442001620	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.	†
/DK/	58	AW349908 NCBI acc. no. AW349908 (gi: 6847618) (Feb 1 2000); Vodkin, L., et al. GM210006A20F9 Gm-r1021 Glycine max cDNA clone Gm-r1021-2178 3'; mRNA sequence"; source: Glycine max (soybean)	
	59	AW350603 NCBI acc. no. AW350603 (gi: 6848313) (Feb 1 2000); Vodkin, L., et al. GM210008B10B12 Gm-r1021 Glycine max cDNA clone Gm-r1021-2763 3'; mRNA sequence"; source: Glycine max (soybean)	
	60	AW448258 NCBI acc. no. AW448258 (gi: 12018686) (Feb 15 2000); Clarke, B.C., et al. BRY 1522 BRY Triticum aestivum cDNA clone P53-1J, mRNA sequence"; source: Triticum aestivum (bread wheat);	
	61	AW455702 NCBI acc. no. AW455702 (gi: 7009437) (Feb 20 2000); Walbot, V., et al. 707090A08.x1 707 - Mixed adult tissues from Walbot lab (SK) Zea mays cDNA, mRNA sequence"; source: Zea mays;	
	62	AW574000 NCBI acc. no. AW574000 (gi: 7238733) (Mar 13 2000); Fedorova, M., et al. EST316591 GVN Medicago truncatula cDNA clone pGVN-S0F8, mRNA sequence"; source: Medicago truncatula (barrel medic);	
	63	AW596434 NCBI acc. no. AW596434 (gi: 7283832) (Mar 22 2000); Shoemaker, R., et al. sj12d05.y1 Gm-c1032 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-c1032-1666 5'; similar to TR:023620 023620 HYPOTHETICAL 29.7 KD	
	64	AW596625 NCBI acc. no. AW596625 (gi: 7284025) (Mar 22 2000); Shoemaker, R., et al. sj14f10.y1 Gm-c1032 Glycine max cDNA clone GENOME SYSTEMS CLONE ID: Gm-c1032-1892 5'; similar to TR:049662 049662 PUTATIVE DNA BINDING	
	65	CAA18730 NCBI acc. no. CAA18730 (gi: 3080411) (Apr 24 1998); Bevan, M., et al. "putative protein [Arabidopsis thaliana]"; source: Arabidopsis thaliana (thale cress); Title: "Direct Submission"	
	66	CRA61276 NCBI acc. no. CRA61276 (gi: 871496) (Jun 23 1995); Meijer, A.H., et al. "putative; pid:a"; source: Unknown.; Title: "Three AT hook-containing proteins from rice bind recognition sites of plant and	
/DK/	67	CRA61277 NCBI acc. no. CRA61277 (gi: 871498) (Jun 23 1995); Meijer, A.H., et al. "DNA binding protein"; source: Unknown.; Title: "Three AT hook-containing proteins from rice bind recognition sites of plant and	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/669,824
		Filing Date	September 23, 2003
		First Named Inventor	JIANG, Cai-Zhong
		Art Unit	1638
		Examiner Name	KRUSE, David H.
		Attorney Docket Number	514442001620
Sheet	8	of	16

NON PATENT LITERATURE DOCUMENTS			
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/DK/	68	CAB75914 NCBI acc. no. CAB75914 (gi: 7076799) (Feb 24 2000); Bemeo, V., et al. "putative protein [Arabidopsis thaliana]"; source: Arabidopsis thaliana; Title: "Direct Submission"	
	69	CAB78783 NCBI acc. no. CAB78783 (gi: 7268533) (Mar 20 2000); EU Arabidopsis sequencing project., et al. "hypothetical protein [Arabidopsis thaliana]"; source: Arabidopsis thaliana (thale cress)	
	70	CAB80256 NCBI acc. no. CAB80256 (gi: 7270491) (Mar 20 2000); EU Arabidopsis sequencing project., et al. "putative protein [Arabidopsis thaliana]"; source: Arabidopsis thaliana (thale cress)	
	71	CAB82691 NCBI acc. no. CAB82691 (gi: 7329697) (Mar 26 2000); Choiane, N., et al. "putative protein [Arabidopsis thaliana]"; source: Arabidopsis thaliana (thale cress); Title: "Direct Submission" (Unpublished)	
	72	D42950 NCBI acc. no. D42950 (gi: 3107210) (May 4 1998); Uchimiyu, H., et al. "D42950 Rice callus cDNA (H.Uchimiyu) Oryza sativa cDNA clone AD078, mRNA sequence"; source: Oryza sativa; Title: "On nucleotide sequence of"	
	73	B57459 NCBI acc. no. B57459 (gi: 235870) (May 7 1993); Kovacic, R.T., et al. "lipocortin I (rats, Genomic, 154 nt, segment 5 of 13)"; source: Unknown.; Title: "Correlation of gene and protein structure of rat and"	
	74	T06118 Database FIR, Accession No. T06118, Bevan et al., Gene Sequence, April 1990	
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	76	W43561 NCBI acc. no. W43561 (gi: 1328029) (May 23 1996); Newman, T., et al. "22938 CD4-16 Arabidopsis thaliana cDNA clone H2A10T7, mRNA sequence"; source: Arabidopsis thaliana (thale cress);	
/DK/	77	X98738 NCBI acc. no. X98738 (gi: 2213533) (Jun 24 1997); Sato, N., et al. "P. sativum mRNA encoding DNA-binding protein PDI"; source: Pisum sativum (pea);	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/669,824
		Filing Date	September 23, 2003
		First Named Inventor	JIANG, Cai-Zhong
		Art Unit	1638
		Examiner Name	KRUSE, David H.
Sheet 9 of 16	Attorney Docket Number	514442001620	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	7 ²
/DK/	78	X98739 NCBI acc. no. X98739 (gi: 2213533) (Jun 24 1997); Sato, N., et al. "P.sativum mRNA encoding DNA-binding FDI-like protein"; source: Pisum sativum (pea);	
	79	X99116 NCBI acc. no. X99116 (gi: 1429210) (Jul 17 1996); Gupta, R., et al. "A. thaliana mRNA for HMG-I/Y protein"; source: Arabidopsis thaliana (thale cress);	
	80	X99373 NCBI acc. no. X99373 (gi: 1435174) (Jul 18 1996); Gupta, R., et al. "P.sativum gene encoding HMG-I/Y protein"; source: Pisum sativum (pea);	
	81	X99491 NCBI acc. no. X99491 (gi: 1460087) (Jul 25 1996); Gupta, R., et al. "P.sativum gene encoding HMG-I/Y protein, 3'UTR, and"; source: Pisum sativum (pea); Title: "The single-copy gene encoding high-mobility group	
	82	Z97344 NCBI acc. no. Z97344 (gi: 2245126) (Jul 6 1997); Bevan, M., et al. "Arabidopsis thaliana DNA chromosome 4, BSSA I contig fragment No. 9"; source: Arabidopsis thaliana (thale cress)	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/669,824
		Filing Date	September 23, 2003
		First Named Inventor	JIANG, Cai-Zhong
		Art Unit	1638
		Examiner Name	KRUSE, David H.
		Attorney Docket Number	514442001620
Sheet	10	of	16

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/DK/	88	BAUMANN et al. (Mar. 1999) The DNA binding site of the Dof protein NtBBF1 is essential for tissue-specific and auxin-regulated expression of the rolB oncogene in plants. Plant Cell 11: 323-333	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/669,824
		Filing Date	September 23, 2003
		First Named Inventor	JIANG, Cai-Zhong
		Art Unit	1638
		Examiner Name	KRUSE, David H.
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/DK/	98	GATZ et al. (Jun. 1997) Chemical Control of Gene Expression. Annu. Rev. Plant Physiol. Plant Mol. Biol. (1997) 48: 99-108	
	99	GINIGER and PTASHKE (Dec. 1987) Transcription in yeast activated by a putative amphipathic alpha helix linked to a DNA binding unit. Nature 330: 670-672	
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	105	ISHIGURO and KAKIMURA (1994) Characterization of a cDNA encoding a novel DNA-binding protein, SPF1, that recognizes SPB sequences in the 5' upstream regions of genes coding for... Mol. Gen. Genet. 244: 563-571	
	106	KAISER and BATSCHAUER (May 1995) Cis-acting elements of the CHS1 gene from white mustard controlling promoter activity and spatial patterns of expression. Plant Mol. Biol. 28: 231-243	
/DK/	107	KIM et al. (Jun. 1997) Isolation of a novel class of bZIP transcription factors that interact with ABA-responsive and embryo-specification elements in the Dc3 promoter using a modified yeast ... Plant J. 11: 1237-1251	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/669,824
		Filing Date	September 23, 2003
		First Named Inventor	JIANG, Cai-Zhong
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Sheet 12 of 16	Attorney Docket Number	514442001620	

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/DK/	108	KLEIN et al. (Jan. 15, 1996) A new family of DNA binding proteins includes putative transcriptional regulators of the Antirrhinum majus floral meristem identify gene SQUAMOSA. Mol. Gen. Genet. 250: 7-16	
	109	KLUK and SCHWABE (May 1995) Protein motifs 5. Zinc fingers. FASEB J. 9, 597-604	
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	111	LEYSER et al. (Sept. 1996). Mutations in the AXR1 gene of Arabidopsis result in altered auxin response including ectopic expression from the SAUR-AC1 promoter. Plant J 10: 403-413.	
	112	LIN et al. (Dec. 16, 1999) "Sequence and analysis of chromosome 2 of the plant Arabidopsis thaliana" Nature (1999), 402(6763): 761-768	
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	114	LITTLEWOOD and EVAN (1994) Transcription factors 2: helix-loop-helix. Protein Profile 1: 639-709	
	115	LOHRMANN et al. (Sept. 1999) "Differential expression and nuclear localization of response regulator-like proteins from Arabidopsis thaliana" Plant Biol. 1: 495-505	
	116	MA and Ptashne (Oct. 9, 1987) A new class of yeast transcriptional activators. Cell 51: 113-119	
/DK/	117	MANNERS et al. (Dec. 1998) The promoter of the plant defensin gene PDF1.2 from Arabidopsis is systemically activated by fungal pathogens and responds to methyl jasmonate but not to ...Plant Mol. Biol. 38: 1071-1080	

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16

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Application Number

10/669,824

Filing Date

September 23, 2003

First Named Inventor

JIANG, Cai-Zhong

Art Unit

1638

Examiner Name

KRUSE, David H.

Attorney Docket Number

514442001620

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/DK/	118	MARTIN and PAZ-ARRE (Feb. 1997) MYB transcription factors in plants. Trends Genet. 13: 67-73	
	119	MARTINEZ-GARCIA J.F., and Quail, P.H. (Apr. 1999). The HMGR-1/Y protein PF1 stimulates binding of the transcriptional activator GT-2 to the PHYA gene promoter. Plant J 18, 173-183	
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/DK/	127	NIETO-SOTELO et al. (Feb. 1994) PF1: an A-T hook-containing DNA binding protein from rice that interacts with a functionally defined d (AT) -rich element in the oat phytochrome A3 gene promoter. Plant Cell 6:287-301	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/669,824
		Filing Date	September 23, 2003
		First Named Inventor	JIANG, Cai-Zhong
		Art Unit	1638
		Examiner Name	KRUSE, David H.
		Attorney Docket Number	514442001620
Sheet	14	of	16

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	7*
/DK/	128	ODELL et al. (Oct. 1994) Seed-specific gene activation mediated by the Cre/lox site-specific recombination system. Plant Physiol. 106: 447-488	
	129	OKAMURO et al. (Jun. 24, 1997) "The AP2 domain of AP2TALA2 defines a large new family of DNA binding proteins in Arabidopsis" Proc. Natl. Acad. Sci. USA 94: 7076-7081	
	130	ONATE et al. (May 1994) The DNA-bending protein HMG-1 enhances progesterone receptor binding to its target DNA sequences. Mol. Cell Biol. 14: 3376-3391	
	131	REEVES et al. (May 25, 1990). The A.T-DNA-binding domain of mammalian high mobility group I chromosomal proteins. A novel peptide motif for recognizing DNA structure. J Biol Chem 265: 8573-8582	
	132	RIECHMANN et al. (Jun. 1998) The AP2/EREBP family of plant transcription factors. Biol. Chem. 379: 633-640	
	133	RIECHMANN and MEYEROVITZ (Oct. 1997) MADS domain proteins in plant development. Biol. Chem. 378: 1079-1101	
	134	RINGLI and KELLER (Aug. 1998) Specific interaction of the tomato bZIP transcription factor VSP-1 with a non-palindromic DNA sequence that controls vascular gene expression. Plant Mol. Biol. 37: 977-988	
	135	ROUSE et al. (Feb. 27, 1998) Changes in auxin response from mutations in an AUX/IAA gene. Science 279: 1371-1373	
	136	SAKAI et al., (Nov. 1998) "Two-component response regulators from Arabidopsis thaliana contain a putative DNA binding motif." Plant Cell Physiol. 39: 1232-1239	
/DK/	137	SCHAFFNER and SREEN (Sept. 1991). Maize rbcS promoter activity depends on sequence elements not found in dicot rbcS promoters. Plant Cell 3: 997-1012	

Examiner Signature	/David Kruse/ (06/24/2007)	Date Considered	06/24/2007
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	10/669,824
				Filing Date	September 23, 2003
				First Named Inventor	JIANG, Cai-Zhong
				Art Unit	1638
				Examiner Name	KRUSE, David H.
Sheet	15	of	16	Attorney Docket Number	E14442001620

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/DK/	138	SEO et al. (Feb. 1998). Higher activity of an aldehyde oxidase in the auxin-overproducing superroot1 mutant of Arabidopsis thaliana. Plant Physiol 116: 687-693		
	139	SHI and OLSZEWSKI (Dec. 1998) Gibberellin and abscisic acid regulate GAST1 expression at the level of transcription. Plant Mol. Biol. 38: 1053-1060		
	140	SIEBERTZ et al. (Oct. 1989) cis-analysis of the wound-inducible promoter wun1 in transgenic tobacco plants and histochemical localization of its expression. Plant Cell 1: 961-968		
	141	STEMMER et al. (Aug. 4, 1994) Rapid evolution of a protein in vitro by DNA shuffling. Nature 370: 389-391		
	142	STEMMER et al. (Oct. 25, 1994) DNA shuffling by random fragmentation and reassembly: in vitro recombination for molecular evolution. Proc. Nat'l Acad. Sci. USA 91: 10747-10751		
	143	TUCKER et al. (Jul. 1, 1994) Crystal structure of the adenovirus DNA binding protein reveals a hook-on model for cooperative DNA binding. EMBO J. 13: 2994-3002		
	144	VAN DER KOP et al., (Mar. 1999) Selection of Arabidopsis mutants overexpressing genes driven by the promoter of an auxin-inducible glutathione S-transferase gene. Plant Mol. Biol. 39: 979-990		
	145	WATERSTON, R. (Dec. 11, 1998) Genome sequence of the nematode C. elegans: a platform for investigating biology. C. elegans Sequencing Consortium. Science 282 (5396): 2012-2018		
	146	WEIGEL and NILSSON (Oct. 12, 1995) A developmental switch sufficient for flower initiation in diverse plants. Nature 377: 493-500		
/DK/	147	WILLMOTT, et al., (Nov. 1998) DNaseI footprints suggest the involvement of at least three types of transcription factors in the regulation of alpha-Amy2/A by gibberellin. Plant Mol. Biol. 38: 817-825		

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